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<110> UDEN, MARK
MITROPHANOUS, KYRIACOS

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NON-FUNCTIONAL SPICE DONOR AND SPLICE ACCEPTOR SITES

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<141> 2001-09-24

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<151> 2000-03-22

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<170> PatentIn Ver. 2.1

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<210> 3

<211> 1964

<212> DNA

<213> Artificial Sequence

<220>

<223> Description of Artificial Sequence: Modified env
gene m4070A

<400> 3

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<220>
 <223> Description of Artificial Sequence: Synthetic
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 ccc 63

<210> 5
 <211> 63
 <212> DNA
 <213> Artificial Sequence

<220>
 <223> Description of Artificial Sequence: Mutant env
 (m4070A)

<400> 5
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 gtc 63

<210> 6
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 <212> DNA
 <213> Artificial Sequence

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 <223> Description of Artificial Sequence: Synthetic
 oligonucleotide

<400> 6
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<210> 7
 <211> 42
 <212> DNA
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 <223> Description of Artificial Sequence: Synthetic
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<210> 8
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<210> 9

<211> 18

<212> DNA

<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
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<210> 10

<211> 24

<212> DNA

<213> Artificial Sequence

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<400> 10

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<210> 11

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<212> DNA

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<400> 11

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33

<210> 12

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<212> DNA

<213> Artificial Sequence

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<210> 13
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<213> Artificial Sequence

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<223> Description of Artificial Sequence: Synthetic
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<210> 14
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<212> DNA
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<223> Description of Artificial Sequence: Synthetic
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<400> 14
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<210> 15
<211> 52
<212> DNA
<213> Artificial Sequence

<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 15
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<210> 16
<211> 92
<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 16
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<210> 17
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<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 17
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<210> 18
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<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic
oligonucleotide

<400> 18
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<210> 19
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<212> DNA
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<220>
<223> Description of Artificial Sequence: Synthetic
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<400> 19
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<210> 20
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<212> DNA
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<210> 21
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<212> DNA
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<220>

<223> Description of Artificial Sequence: Synthetic
pTRONIN sequence

<400> 21

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| cccatagtaa | cgccaatagg | gactttccat | tgacgtcaat | gggtggagta | tttacggtaa | 180 |
| actgcccact | tggcagtaca | tcaagtgtat | catatgccaa | gtacgcccc | tattgacgtc | 240 |
| aatgacggta | aatggccccg | ctggcattat | gcccagtaca | tgaccttatg | ggactttcct | 300 |
| acttggcagt | acatctacgt | attagtcac | gctattacca | tggtgatg | gttttggcag | 360 |
| tacatcaatg | ggcgtggata | gcggtttgac | tcacggggat | ttccaagtct | ccaccccat | 420 |
| gacgtcaatg | ggagtttgtt | ttggcaccaa | aatcaacggg | actttccaaa | atgtcgtaac | 480 |
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<210> 42
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